



SEQUENCE LISTING

RECEIVED

NOV 2 9 2001

TECH CENTER 1600/2900

#16/00

<110> REYNOLDS, Eric
<120> CALCIUM PHOSPHOPEPTIDE COMPLEXES
<130> 040268/0161
<140> US 09/380,738
<141> 1999-12-06
<150> PCT/AU98/00160
<151> 1998-03-13
<150> AU PO5662
<151> 1998-03-13
<160> 23
<170> PatentIn version 3.0
<210> 1
<211> 21
<212> PRT
<213> Bos sp.
<220>
<221> misc_feature
<222> (6)..(6)
<223> Xaa is a phosphorylated Serine
<220>
<221> misc_feature
<222> (8)..(8)
<223> Xaa is a phosphorylated Serine
<220>
<221> misc_feature
<222> (9)..(9)
<223> Xaa is a phosphorylated Serine
<220>
<221> misc_feature
<222> (10)..(10)
<223> Xaa is a phosphorylated Serine
<220>
<221> misc_feature
<222> (17)..(17)
<223> Xaa is a phosphorylated Serine

<400> 1

Gln Met Glu Ala Glu Xaa Ile Xaa Xaa Xaa Glu Glu Ile Val Pro Asn
1 5 10 15

Xaa Val Glu Gln Lys
20

<210> 2

<211> 25

<212> PRT

<213> Bos sp.

<220>

<221> misc_feature

<222> (15)..(15)

<223> Xaa is a phosphorylated Serine

<220>

<221> misc_feature

<222> (17)..(17)

<223> Xaa is a phosphorylated Serine

<220>

<221> misc_feature

<222> (18)..(18)

<223> Xaa is a phosphorylated Serine

<220>

<221> misc_feature

<222> (19)..(19)

<223> Xaa is a phosphorylated Serine

<400> 2

Arg Glu Leu Glu Glu Leu Asn Val Pro Gly Glu Ile Val Glu Xaa Leu
1 5 10 15

Xaa Xaa Xaa Glu Glu Ser Ile Thr Arg
20 25

<210> 3

<211> 25

<212> PRT

<213> Bos sp.

<220>

<221> misc_feature

<222> (11)..(11)

<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (12)..(12)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (13)..(13)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (16)..(16)
<223> Xaa is a phosphorylated Serine

<400> 3

Asn Ala Asn Glu Glu Glu Tyr Ser Ile Gly Xaa Xaa Xaa Glu Glu Xaa
1 5 10 15

Ala Glu Val Ala Thr Glu Glu Val Lys
20 25

<210> 4
<211> 21
<212> PRT
<213> Bos sp.

<220>
<221> misc_feature
<222> (8)..(8)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (9)..(9)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (10)..(10)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (16)..(16)
<223> Xaa is a phosphorylated Serine

<400> 4

Lys Asn Thr Met Glu His Val Xaa Xaa Xaa Glu Glu Ser Ile Ile Xaa
1 5 10 15

Gln Glu Thr Tyr Lys
20

<210> 5

<211> 5

<212> PRT

<213> Artificial

<220>

<221> misc_feature

<222> ()..()

<223> Synthetic peptide

<220>

<221> misc_feature

<222> (1)..(1)

<223> Xaa is a phosphorylated Serine

<220>

<221> misc_feature

<222> (2)..(2)

<223> Xaa is a phosphorylated Serine

<220>

<221> misc_feature

<222> (3)..(3)

<223> Xaa is a phosphorylated Serine

<400> 5

Xaa Xaa Xaa Glu Glu
1 5

<210> 6

<211> 8

<212> PRT

<213> Artificial

<220>

<221> misc_feature

<222> ()..()

<223> Synthetic peptide

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (5)..(5)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (6)..(6)
<223> Xaa is a phosphorylated Serine

<400> 6

Glu Xaa Ile Xaa Xaa Xaa Glu Glu
1 5

<210> 7
<211> 5
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<400> 7

Gln Met Glu Ala Glu
1 5

<210> 8
<211> 8
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (5)..(5)
<223> Xaa is a phosphorylated Serine

<400> 8

Ile Val Pro Asn Xaa Val Glu Gln
1 5

<210> 9
<211> 5
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is a phosphorylated Serine

<400> 9

Ser Xaa Xaa Glu Glu
1 5

<210> 10
<211> 5
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is a phosphorylated Serine

<400> 10

Glu Xaa Xaa Glu Glu
1 5

<210> 11
<211> 5
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is a phosphorylated Serine

<400> 11

Asp Xaa Xaa Glu Glu
1 5

<210> 12
<211> 5
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (1)..(1)
<223> Xaa is a phosphorylated Threonine

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Threonine

<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is a phosphorylated Threonine

<400> 12

Xaa Xaa Xaa Glu Glu
1 5

<210> 13
<211> 5
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Threonine

<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is a phosphorylated Threonine

<400> 13

Ser Xaa Xaa Glu Glu
1 5

<210> 14
<211> 4
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Serine

<400> 14

Ala Xaa Ala Glu
1

<210> 15
<211> 6
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is a phosphorylated Serine

<400> 15

Ile Ala Xaa Ala Glu Ala
1 5

<210> 16
<211> 8
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (5)..(5)
<223> Xaa is a phosphorylated Serine

<400> 16

Glu Ala Ile Ala Xaa Ala Glu Ala
1 5

<210> 17
<211> 6
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa is a phosphorylated Serine

<400> 17

Ala Xaa Ala Xaa Ala Glu
1 5

<210> 18
<211> 8
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (6)..(6)
<223> Xaa is a phosphorylated Serine

<400> 18

Ala Xaa Ala Xaa Ala Xaa Ala Glu
1 5

<210> 19

<211> 10

<212> PRT

<213> Artificial

<220>

<221> misc_feature

<222> ()..()

<223> Synthetic peptide

<220>

<221> misc_feature

<222> (2)..(2)

<223> Xaa is a phosphorylated Serine

<220>

<221> misc_feature

<222> (4)..(4)

<223> Xaa is a phosphorylated Serine

<220>

<221> misc_feature

<222> (6)..(6)

<223> Xaa is a phosphorylated Serine

<220>

<221> misc_feature

<222> (8)..(8)

<223> Xaa is a phosphorylated Serine

<400> 19

Ala Xaa Ala Xaa Ala Xaa Ala Xaa Ala Glu
1 5 10

<210> 20

<211> 8

<212> PRT

<213> Artificial

<220>

<221> misc_feature

<222> ()..()

<223> Synthetic peptide

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (5)..(5)
<223> Xaa is a phosphorylated Serine

<220>
<221> misc_feature
<222> (6)..(6)
<223> Xaa is a phosphorylated Serine

<400> 20

Glu Xaa Leu Xaa Xaa Xaa Glu Glu
1 5

<210> 21
<211> 5
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Threonine

<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is a phosphorylated Threonine

<400> 21

Thr Xaa Xaa Glu Glu
1 5

<210> 22
<211> 5
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (1)..(1)
<223> Xaa is a phosphorylated Threonine

<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is a phosphorylated Threonine

<400> 22

Xaa Thr Xaa Glu Glu
1 5

<210> 23
<211> 5
<212> PRT
<213> Artificial

<220>
<221> misc_feature
<222> ()..()
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (1)..(1)
<223> Xaa is a phosphorylated Threonine

<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is a phosphorylated Threonine

<400> 23

Xaa Xaa Thr Glu Glu
1 5